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August 28, 2020

VIA ELECTRONIC FILING

The Honorable Jocelyn G. Boyd
Chief Clerk/Executive Director
Public Service Commission of South Carolina
101 Executive Center Drive, Suite 100
Columbia, SC 29210

**Re: Duke Energy Progress, LLC- Monthly Fuel Report
Docket Number: 2006-176-E**

Dear Ms. Boyd:

Pursuant to the Commission's Orders in Docket No. 1977-354-E, enclosed for filing is Duke Energy Progress, LLC's Monthly Fuel Report in Docket No. 2006-176-E for the month of July 2020.

Sincerely,

Katie M. Brown

Enclosure

cc: Ms. Dawn Hipp, Office of Regulatory Staff
Ms. Nanette Edwards, Office of Regulatory Staff
Mr. Jeff Nelson, Office of Regulatory Staff
Mr. Michael Seaman-Huynh, Office of Regulatory Staff
Mr. Ryder Thompson, Office of Regulatory Staff

Schedule 1

DUKE ENERGY PROGRESS
SUMMARY OF MONTHLY FUEL REPORT

| Line No. | Item | JULY 2020 |
|----------|--|----------------|
| 1 | Fuel and Fuel-related Costs excluding DERP incremental costs | \$ 174,623,271 |
| | MWH sales: | |
| 2 | Total System Sales | 6,741,096 |
| 3 | Less intersystem sales | 735,023 |
| 4 | Total sales less intersystem sales | 6,006,073 |
| 5 | Total fuel and fuel-related costs (¢/KWH) (Line 1/Line 4) | 2.9074 |
| 6 | Current fuel & fuel-related cost component (¢/KWH) (per Schedule 4) | 2.3837 |
| | Generation Mix (MWH): | |
| | Fossil (By Primary Fuel Type): | |
| 7 | Coal | 1,380,758 |
| 8 | Oil | 4,204 |
| 9 | Natural Gas - Combustion Turbine | 213,613 |
| 10 | Natural Gas - Combined Cycle | 2,131,502 |
| 11 | Biogas | 2,111 |
| 12 | Total Fossil | 3,732,188 |
| 13 | Nuclear | 2,673,297 |
| 14 | Hydro - Conventional | 40,451 |
| 15 | Solar Distributed Generation | 26,808 |
| 16 | Total MWH generation | 6,472,744 |

Note: Detail amounts may not add to totals shown due to rounding.

DUKE ENERGY PROGRESS
DETAILS OF FUEL AND FUEL-RELATED COSTS

| Description | JULY 2020 |
|--|-----------------------|
| Fuel and Fuel-Related Costs: | |
| Steam Generation - Account 501 | |
| 0501110 coal consumed - steam | \$ 58,374,571 |
| 0501310 fuel oil consumed - steam | 661,120 |
| Total Steam Generation - Account 501 | <u>59,035,691</u> |
| Nuclear Generation - Account 518 | |
| 0518100 burnup of owned fuel | 15,861,774 |
| Other Generation - Account 547 | |
| 0547000 natural gas consumed - Combustion Turbine | 4,471,437 |
| 0547000 natural gas capacity - Combustion Turbine | 696,942 |
| 0547000 natural gas consumed - Combined Cycle | 33,821,606 |
| 0547000 natural gas capacity - Combined Cycle | 10,745,315 |
| 0547106 biogas consumed - Combined Cycle | 92,330 |
| 0547200 fuel oil consumed | 109,068 |
| Total Other Generation - Account 547 | <u>49,936,698</u> |
| Purchased Power and Net Interchange - Account 555 | |
| Fuel and fuel-related component of purchased power | 42,475,592 |
| Fuel and fuel-related component of DERP purchases | 103,670 |
| PURPA purchased power capacity | 16,682,022 |
| DERP purchased power capacity | 23,833 |
| Total Purchased Power and Net Interchange - Account 555 | <u>59,285,117</u> |
| Less: | |
| Fuel and fuel-related costs recovered through intersystem sales | 11,817,978 |
| Solar Integration Charge | 77 |
| Total Fuel Credits - Accounts 447/456 | <u>11,818,055</u> |
| Total Costs Included in Base Fuel Component | \$ 172,301,225 |
| Environmental Costs | |
| 0509030, 0509212, 0557451 emission allowance expense | \$ 1,980 |
| 0502020, 0502030, 0502040, 0502080, 0502090, 0548020 reagents expense | 2,531,942 |
| Emission Allowance Gains | - |
| Less reagents expense recovered through intersystem sales - Account 447 | 144,242 |
| Less emissions expense recovered through intersystem sales - Account 447 | <u>67,634</u> |
| Total Costs Included in Environmental Component | 2,322,046 |
| Fuel and Fuel-related Costs excluding DERP incremental costs | <u>\$ 174,623,271</u> |
| DERP Incremental Costs | 309,294 |
| Total Fuel and Fuel-related Costs | <u>\$ 174,932,565</u> |

Notes:

Detail amounts may not add to totals shown due to rounding.
DERP details are presented on Page 2.

DUKE ENERGY PROGRESS
DETAILS OF FUEL AND FUEL-RELATED COSTS

| Description | JULY 2020 |
|--|------------|
| DERP Avoided Costs (Total Capacity and Energy) | |
| Purchased Power Agreements | \$ 10,971 |
| Shared Solar Program | 734 |
| Total DERP Avoided Costs | 11,705 |
| DERP Incremental Costs | |
| Purchased Power Agreements | 19,950 |
| DERP NEM Incentive | 141,977 |
| Solar Rebate Program - Amortization | 48,712 |
| Solar Rebate Program - Carrying Costs | 40,416 |
| Shared Solar Program | 10,451 |
| NEM Avoided Capacity Costs | 2,952 |
| NEM Meter Costs | 10,812 |
| General and Administrative Expenses | 33,985 |
| Interest on under-collection due to cap | 39 |
| Total DERP Incremental Costs | \$ 309,294 |

Notes:

Detail amounts may not add to totals shown due to rounding.
All amounts represent SC retail.

**DUKE ENERGY PROGRESS
PURCHASED POWER AND INTERCHANGE
SOUTH CAROLINA**

JULY 2020

**Schedule 3, Purchases
Page 1 of 2**

| Purchased Power | Total | Capacity | Non-capacity | | |
|---|----------------------|----------------------|---------------------|----------------------|--------------------|
| Marketers, Utilities, Other | \$ | \$ | mWh | Fuel \$ | Non-fuel \$ |
| Broad River Energy, LLC. | \$ 14,741,710 | \$ 11,490,571 | 73,694 | \$ 3,251,139 | - |
| City of Fayetteville | 2,970,678 | 2,970,000 | 473 | 678 | - |
| Haywood EMC | 28,550 | 28,550 | - | - | - |
| NCEMC | 6,765,757 | 5,722,138 | 33,038 | 1,043,619 | - |
| PJM Interconnection, LLC. | (1,167) | - | - | (1,167) | - |
| Southern Company Services | 4,157,023 | 1,374,647 | 130,364 | 2,782,376 | - |
| DE Carolinas - Native Load Transfer | 377,700 | - | 17,610 | 325,654 | \$ 52,046 |
| DE Carolinas - Native Load Transfer Benefit | (49,333) | - | - | (49,333) | - |
| Energy Imbalance | 11,700 | - | 645 | 10,808 | 892 |
| Generation Imbalance | 22,253 | - | 1,371 | 21,362 | 891 |
| | \$ 29,024,871 | \$ 21,585,906 | 257,195 | \$ 7,385,136 | \$ 53,829 |
| Act 236 PURPA Purchases | | | | | |
| Renewable Energy | \$ 20,910,678 | - | 249,827 | \$ 20,910,678 | - |
| DERP Qualifying Facilities | 152,024 | - | 3,776 | 152,024 | - |
| Other Qualifying Facilities | 30,861,800.00 | - | 464,917 | 30,861,800 | - |
| | \$ 51,924,502 | - | 718,520 | \$ 51,924,502 | - |
| Total Purchased Power | \$ 80,949,373 | \$ 21,585,906 | 975,715 | \$ 59,309,638 | \$ 53,829 |

NOTE: Detail amounts may not add to totals shown due to rounding.

**DUKE ENERGY PROGRESS
INTERSYSTEM SALES*
SOUTH CAROLINA**

JULY 2020

Schedule 3, Sales
Page 2 of 2

| Sales | Total | Capacity | Non-capacity | | |
|---|----------------------|-------------------|----------------|----------------------|---------------------|
| | \$ | \$ | mWh | Fuel \$ | Non-fuel \$ |
| Utilities: | | | | | |
| DE Carolinas - As Available Capacity | \$ 93,727 | \$ 93,727 | - | - | - |
| Market Based: | | | | | |
| NCEMC Purchase Power Agreement | 1,158,298 | 652,500 | 16,620 | \$ 309,651 | \$ 196,147 |
| PJM Interconnection, LLC. | 332,033 | - | 8,989 | 183,986 | 148,047 |
| Other: | | | | | |
| DE Carolinas - Native Load Transfer Benefit | 796,969 | - | - | 796,969 | - |
| DE Carolinas - Native Load Transfer | 12,035,752 | - | 707,951 | 10,704,571 | 1,331,180 |
| Generation Imbalance | 44,200 | - | 1,463 | 34,677 | 9,524 |
| Total Intersystem Sales | \$ 14,460,979 | \$ 746,227 | 735,023 | \$ 12,029,854 | \$ 1,684,898 |

* Sales for resale other than native load priority.

NOTE: Detail amounts may not add to totals shown due to rounding.

Duke Energy Progress
(Over) / Under Recovery of Fuel Costs
JULY 2020

Schedule 4
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| Line No. | | | Total Residential | General Service Non-Demand | Demand | Lighting | Total |
|---|--|-------------------------------------|-------------------|----------------------------|-------------|-----------|---------------|
| 1 | Actual System kWh sales | Input | | | | | 6,006,072,697 |
| 2 | DERP Net Metered kWh generation | Input | | | | | 3,222,483 |
| 3 | Adjusted System kWh sales | L1 + L2 | | | | | 6,009,295,180 |
| 4 | Actual S.C. Retail kWh sales | Input | 197,448,926 | 26,082,214 | 321,517,097 | 6,286,723 | 551,334,960 |
| 5 | DERP Net Metered kWh generation | Input | 1,403,383 | 25,129 | 1,793,971 | | 3,222,483 |
| 6 | Adjusted S.C. Retail kWh sales | L4 + L5 | 198,852,309 | 26,107,343 | 323,311,068 | 6,286,723 | 554,557,443 |
| 7 | Actual S.C. Demand units (kw) | L32 / 31b * 100 | | | 655,524 | | |
| Base fuel component of recovery - non-capacity | | | | | | | |
| 8 | Incurred System base fuel - non-capacity expense | Input | | | | | \$144,049,443 |
| 9 | Eliminate avoided fuel benefit of S.C. net metering | Input | | | | | \$92,879 |
| 10 | Adjusted Incurred System base fuel - non-capacity expense | L8 + L9 | | | | | \$144,142,322 |
| 11 | Adjusted Incurred System base fuel - non-capacity rate (¢/kWh) | L10 / L3 * 100 | | | | | 2.399 |
| 12 | S.C. Retail portion of adjusted incurred system expense | L6 * L11 / 100 | \$4,769,783 | \$626,225 | \$7,755,120 | \$150,797 | \$13,301,925 |
| 13 | Assign 100 % of Avoided Fuel Benefit of S.C net metering | Input | (\$49,158) | (\$4,849) | (\$38,872) | \$0 | (\$92,879) |
| 14 | S.C. Retail portion of incurred system expense | L12 + L13 | \$4,720,625 | \$621,376 | \$7,716,248 | \$150,797 | \$13,209,046 |
| 15 | Billed base fuel - non-capacity rate (¢/kWh) - Note 1 | Input | 1.991 | 1.991 | 1.991 | 1.991 | 1.991 |
| | Rate Changes: | | | | | | |
| | 15a New approved rates | Input | 1.887 | 1.887 | 1.887 | 1.887 | |
| | 15b Ratios of days to rate | Input | 44.75% | 44.75% | 44.75% | 44.75% | |
| | 15c Prior approved rates | Input | 2.075 | 2.075 | 2.075 | 2.075 | |
| | 15d Ratio of days to rate | Input | 55.25% | 55.25% | 55.25% | 55.25% | |
| | 15e Total prorated ¢/KWH | (L15a*L15b) + (L15c * L15d) | 1.991 | 1.991 | 1.991 | 1.991 | 1.991 |
| 16 | Billed base fuel - non-capacity revenue | L4 * L15 / 100 | \$3,930,782 | \$519,262 | \$6,400,975 | \$125,160 | \$10,976,179 |
| 17 | DERP NEM Incentive - fuel component | Input | (\$2,422) | (\$239) | (\$1,915) | \$0 | (\$4,576) |
| 18 | Adjusted S.C. billed base fuel - non-capacity revenue | L16 + L17 | \$3,928,360 | \$519,023 | \$6,399,060 | \$125,160 | \$10,971,603 |
| 19 | S.C. base fuel - non-capacity (over)/under recovery [See footnote] | L18 - L14 | \$792,265 | \$102,353 | \$1,317,188 | \$25,637 | \$2,237,443 |
| 20 | Adjustment | Input | | | | | |
| 21 | Total S.C. base fuel - non-capacity (over)/under recovery [See footnote] | L19 + L20 | \$792,265 | \$102,353 | \$1,317,188 | \$25,637 | \$2,237,443 |
| Base fuel component of recovery - capacity | | | | | | | |
| 22a | Incurred base fuel - capacity rates by class (¢/kWh) | L23 / L4 * 100 | 0.692 | 0.517 | | | |
| 22b | Incurred base fuel - capacity rate (¢/kW) | L23 / L7 * 100 | | | 165 | | |
| 23 | Incurred S.C. base fuel - capacity expense | Input | \$1,366,403 | \$134,790 | \$1,080,511 | | \$2,581,704 |
| 24a | Billed base fuel - capacity rates by class (¢/kWh) - Note 2 | Input | 0.619 | 0.449 | | | |
| | Rate Changes: | | | | | | |
| | 24a.1 New approved rates | Input | 0.528 | 0.358 | | | |
| | 24a.2 Ratios of days to rate | Input | 44.75% | 44.75% | | | |
| | 24a.3 Prior approved rates | Input | 0.692 | 0.522 | | | |
| | 24a.4 Ratio of days to rate | Input | 55.25% | 55.25% | | | |
| | 24a.5 Total prorated ¢/KWH | (L24a.1*L24a.2) + (L24a.3 * L24a.4) | 0.619 | 0.449 | | | |
| 24b | Billed base fuel - capacity rate (¢/kW) | Input | | | 99 | | |
| | Rate Changes: | | | | | | |
| | 24b.1 New approved rates | Input | | | 108 | | |
| | 24b.2 Ratios of days to rate | Input | | | 44.75% | | |
| | 24b.3 Prior approved rates | Input | | | 92 | | |
| | 24b.4 Ratio of days to rate | Input | | | 55.25% | | |
| | 24b.5 Total prorated ¢/KW | (L24b.1*L24b.2) + (L24b.3 * L24b.4) | | | 99 | | |
| 25 | Billed S.C. base fuel - capacity revenue | L24a * L4 / 100 | \$1,221,442 | \$117,007 | \$653,080 | \$0 | \$1,991,529 |
| 26 | S.C. base fuel - capacity (over)/under recovery [See footnote] | L25 - L23 | \$144,961 | \$17,783 | \$427,431 | \$0 | \$590,175 |
| 27 | Adjustment | Input | | | | | |
| 28 | Total S.C. base fuel - capacity (over)/under recovery [See footnote] | L26 + L27 | \$144,961 | \$17,783 | \$427,431 | \$0 | \$590,175 |

Duke Energy Progress
(Over) / Under Recovery of Fuel Costs
JULY 2020

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Environmental component of recovery

| | | | | | | | |
|---|---|--|-----------|-----------|-------------|----------|-------------|
| 29a | Incurred environmental rates by class (¢/kWh) | L30 / L4 * 100 | 0.057 | 0.043 | | | |
| 29b | Incurred environmental rate (¢/kW) | L30 / L7 * 100 | | | 14 | | |
| 30 | Incurred S.C. environmental expense | Input | \$112,815 | \$11,129 | \$89,211 | | \$213,155 |
| 31a | Billed environmental rates by class (¢/kWh) - Note 3 | Input | 0.050 | 0.037 | | | |
| | Rate Changes: | | | | | | |
| 31a.1 | New approved rates | Input | 0.021 | 0.012 | | | |
| 31a.2 | Ratios of days to rate | Input | 44.75% | 44.75% | | | |
| 31a.3 | Prior approved rates | Input | 0.074 | 0.057 | | | |
| 31a.4 | Ratio of days to rate | Input | 55.25% | 55.25% | | | |
| | | (L31a.1*L31a.2) + (L31a.3 * L31a.4) | 0.050 | 0.037 | | | |
| 31a.5 | Total prorated ¢/KWH | | | | | | |
| 31b | Billed environmental rate (¢/kW) | Input | | | 8 | | |
| | Rate Changes: | | | | | | |
| 31b.1 | New approved rates | Input | | | 6 | | |
| 31b.2 | Ratios of days to rate | Input | | | 44.75% | | |
| 31b.3 | Prior approved rates | Input | | | 10 | | |
| 31b.4 | Ratio of days to rate | Input | | | 55.25% | | |
| | | (L31b.1*L31b.2) + (L31b.3 * L31b.4) | | | 8 | | |
| 31b.5 | Total prorated ¢/KW | | | | | | |
| 32 | Billed S.C. environmental revenue | L31a * L4 /100 | \$99,639 | \$9,614 | \$53,818 | | \$163,071 |
| 33 | S.C. environmental (over)/under recovery [See footnote] | L32 - L30 | \$13,176 | \$1,515 | \$35,393 | \$0 | \$50,084 |
| 34 | Adjustment | Input | | | | | |
| 35 | Total S.C. environmental (over)/under recovery [See footnote] | L33 + L34 | \$13,176 | \$1,515 | \$35,393 | \$0 | \$50,084 |
| Distributed Energy Resource Program component of recovery: avoided costs | | | | | | | |
| 36a | Incurred S.C. DERP avoided cost rates by class (¢/kWh) | L37 / L4 * 100 | 0.003 | 0.002 | | | |
| 36b | Incurred S.C. DERP avoided cost rates by class (¢/kW) | L37 / L7 * 100 | | | 1 | | |
| 37 | Incurred S.C. DERP avoided cost expense | Input | \$6,195 | \$611 | \$4,899 | | \$11,705 |
| 38a | Billed S.C. DERP avoided cost rates by class (¢/kWh) - Note 4 | Input | 0.003 | 0.002 | | | |
| | Rate Changes: | | | | | | |
| 38a.1 | New approved rates | Input | 0.002 | 0.001 | | | |
| 38a.2 | Ratios of days to rate | Input | 44.75% | 44.75% | | | |
| 38a.3 | Prior approved rates | Input | 0.003 | 0.003 | | | |
| 38a.4 | Ratio of days to rate | Input | 55.25% | 55.25% | | | |
| | | (L38a.1*L38a.2) + (L38a.3 * L38a.4) | 0.003 | 0.002 | | | |
| 38a.5 | Total prorated ¢/KWH | | | | | | |
| 38b | Billed S.C. DERP avoided cost rates by class (¢/kW) | Input | | | 1 | | |
| | Rate Changes: | | | | | | |
| 38b.1 | New approved rates | Input | | | 2 | | |
| 38b.2 | Ratios of days to rate | Input | | | 44.75% | | |
| 38b.3 | Prior approved rates | Input | | | - | | |
| 38b.4 | Ratio of days to rate | Input | | | 55.25% | | |
| | | (L38b.1*L38b.2) + (L38b.3 * L38b.4) | | | 1 | | |
| 38b.5 | Total prorated ¢/KW | | | | | | |
| 39 | Billed S.C. DERP avoided cost revenue | L38a * L4 /100 | \$5,003 | \$549 | \$5,983 | | \$11,535 |
| 40 | S.C. DERP avoided cost (over)/under recovery [See footnote] | L39 - L37 | \$1,192 | \$62 | (\$1,084) | \$0 | \$170 |
| 41 | Adjustment | Input | | | | | |
| 42 | Total S.C. DERP avoided cost (over)/under recovery [See footnote] | L40 + L41 | \$1,192 | \$62 | (\$1,084) | \$0 | \$170 |
| 43 | Total (over)/under recovery [See footnote] | L21 + L28 + L35 + L42 | \$951,594 | \$121,713 | \$1,778,928 | \$25,637 | \$2,877,872 |

**Duke Energy Progress
(Over) / Under Recovery of Fuel Costs
JULY 2020**

Schedule 4
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Cumulative (over) / under recovery - BASE FUEL NON-CAPACITY

Balance ending February 2020

| Cumulative | Total Residential | General Service Non-Demand | Demand | Lighting | Total |
|---------------------------|-------------------|----------------------------|-------------|------------|---------------|
| \$8,184,894 | | | | | |
| March 2020 - actual | (\$500,048) | (\$60,906) | (\$900,533) | (\$19,679) | (\$1,481,166) |
| April 2020 - actual | (697,174) | (89,196) | (1,518,585) | (34,097) | (2,339,052) |
| May 2020 - actual | 65,636 | 6,313 | 137,505 | 3,589 | 213,043 |
| June 2020 - actual | (30,783) | (6,228) | (61,363) | (1,112) | (99,486) |
| July 2020 - actual | 792,265 | 102,353 | 1,317,188 | 25,637 | 2,237,443 |
| August 2020 - forecast | 33,598 | 4,280 | 55,097 | 1,298 | 94,273 |
| September 2020 - forecast | (312,037) | (41,877) | (540,184) | (12,794) | (906,892) |
| October 2020 - forecast | (499,128) | (82,935) | (1,069,520) | (25,459) | (1,677,042) |
| November 2020 - forecast | 35,229 | 5,542 | 72,006 | 1,728 | 114,505 |
| December 2020 - forecast | 5,037,637 | 247,673 | 31,035 | 408,609 | 697,117 |
| January 2021 - forecast | 5,034,057 | (1,448) | (149) | (1,937) | (3,580) |
| February 2021 - forecast | 4,880,790 | (59,835) | (6,508) | (84,895) | (2,029) |
| March 2021 - forecast | 4,686,760 | (70,241) | (8,803) | (112,298) | (2,688) |
| April 2021 - forecast | 3,338,767 | (425,476) | (66,490) | (836,015) | (20,012) |
| May 2021 - forecast | 2,691,364 | (194,435) | (32,697) | (410,451) | (9,820) |
| June 2021 - forecast | 2,001,561 | (221,168) | (33,738) | (424,799) | (10,098) |
| \$ | | | | | (\$689,803) |

Cumulative (over) / under recovery - BASE FUEL CAPACITY

Balance ending February 2020

| Cumulative | Total Residential | General Service Non-Demand | Demand | Lighting | Total |
|---------------------------|-------------------|----------------------------|-----------|-----------|-------------|
| \$2,280,576 | | | | | |
| March 2020 - actual | (\$542,342) | (\$57,884) | \$400,373 | \$0 | (\$199,853) |
| April 2020 - actual | 198,269 | 22,469 | 275,406 | 0 | 496,144 |
| May 2020 - actual | 3,180,854 | 263,866 | 26,727 | 313,394 | 603,987 |
| June 2020 - actual | (50,274) | (6,671) | 208,389 | 0 | 151,444 |
| July 2020 - actual | 144,961 | 17,783 | 427,431 | 0 | 590,175 |
| August 2020 - forecast | (193,243) | 1,999 | (233,021) | 0 | (424,265) |
| September 2020 - forecast | (71,363) | 6,678 | (134,508) | 0 | (199,193) |
| October 2020 - forecast | 231,066 | 16,005 | (43,903) | 0 | 203,168 |
| November 2020 - forecast | 179,745 | 15,444 | (55,313) | 0 | 139,876 |
| December 2020 - forecast | 3,273,094 | (139,040) | 3,578 | (233,503) | (368,965) |
| January 2021 - forecast | 2,627,141 | (407,272) | 567 | (239,248) | (645,953) |
| February 2021 - forecast | 2,114,689 | (332,621) | 1,077 | (180,908) | (512,452) |
| March 2021 - forecast | 2,015,369 | (13,020) | 18,349 | (104,649) | (99,320) |
| April 2021 - forecast | 2,225,022 | 143,282 | 13,769 | 52,602 | 209,653 |
| May 2021 - forecast | 2,392,539 | 209,289 | 14,188 | (55,960) | 167,517 |
| June 2021 - forecast | 2,120,982 | 6,443 | 2,092 | (280,092) | (\$271,557) |
| \$ | | | | | |

Cumulative (over) / under recovery - ENVIRONMENTAL

Balance ending February 2020

| Cumulative | Total Residential | General Service Non-Demand | Demand | Lighting | Total |
|---------------------------|-------------------|----------------------------|------------|----------|-------------|
| (\$86,728) | | | | | |
| March 2020 - actual | (\$97,924) | (\$9,094) | (\$40,656) | \$0 | (\$147,674) |
| April 2020 - actual | (93,739) | (9,066) | (61,987) | 0 | (164,792) |
| May 2020 - actual | (553,737) | (8,677) | (58,456) | 0 | (154,543) |
| June 2020 - actual | (41,045) | (4,402) | (6,402) | 0 | (51,849) |
| July 2020 - actual | 13,176 | 1,515 | 35,393 | 0 | 50,084 |
| August 2020 - forecast | (453,363) | 63,966 | 7,741 | 30,432 | 102,139 |
| September 2020 - forecast | (420,359) | 26,485 | 3,710 | 2,809 | 33,004 |
| October 2020 - forecast | (442,157) | 595 | 320 | (22,713) | (21,798) |
| November 2020 - forecast | (436,644) | 13,932 | 1,771 | (10,190) | 5,513 |
| December 2020 - forecast | (341,658) | 60,081 | 7,100 | 27,805 | 94,986 |
| January 2021 - forecast | (186,713) | 86,896 | 10,674 | 57,375 | 154,945 |
| February 2021 - forecast | (5,306) | 100,632 | 11,761 | 69,014 | 181,407 |
| March 2021 - forecast | 43,045 | 34,711 | 4,695 | 8,945 | 48,351 |
| April 2021 - forecast | (20,631) | (26,550) | (2,141) | (34,985) | (63,676) |
| May 2021 - forecast | (90,328) | (25,245) | (2,248) | (42,204) | (69,697) |
| June 2021 - forecast | (117,123) | (7) | 580 | (27,368) | (\$26,795) |
| \$ | | | | | |

Cumulative (over) / under recovery - DERP AVOIDED COSTS

Balance ending February 2020

| Cumulative | Total Residential | General Service Non-Demand | Demand | Lighting | Total |
|---------------------------|-------------------|----------------------------|----------|----------|------------|
| \$12,641 | | | | | |
| March 2020 - actual | (\$2,864) | (\$414) | \$2,513 | \$0 | (\$765) |
| April 2020 - actual | (964) | (203) | 2,212 | 0 | 1,045 |
| May 2020 - actual | 603 | (55) | 3,312 | 0 | 3,860 |
| June 2020 - actual | 6,591 | 490 | 8,823 | 0 | 15,904 |
| July 2020 - actual | 1,192 | 62 | (1,084) | 0 | 170 |
| August 2020 - forecast | 1,084 | 283 | (15,031) | 0 | (13,664) |
| September 2020 - forecast | 1,817 | 321 | (12,671) | 0 | (10,533) |
| October 2020 - forecast | 576 | 3,057 | (11,501) | 0 | (8,082) |
| November 2020 - forecast | (6,915) | 2,906 | (10,754) | 0 | (7,491) |
| December 2020 - forecast | (17,197) | 1,930 | (12,547) | 0 | (10,282) |
| January 2021 - forecast | (28,429) | 863 | (12,413) | 0 | (11,232) |
| February 2021 - forecast | (38,038) | 1,346 | (11,296) | 0 | (9,609) |
| March 2021 - forecast | (47,919) | 2,055 | (12,293) | 0 | (9,881) |
| April 2021 - forecast | (52,919) | 3,064 | (8,445) | 0 | (5,000) |
| May 2021 - forecast | (58,535) | 3,996 | (10,063) | 0 | (5,616) |
| June 2021 - forecast | (70,191) | 2,173 | (14,134) | 0 | (\$11,656) |
| \$ | | | | | |

(Over) / Under Recovery of Fuel Costs
JULY 2020

| Line No. | | | Residential | Commercial | Industrial | Total |
|---|--|-----------|-------------|------------|------------|-----------|
| Distributed Energy Resource Program component of recovery: incremental costs | | | | | | |
| 44 | Incurred S.C. DERP incremental expense | Input | \$163,698 | \$86,447 | \$59,149 | \$309,294 |
| 45 | Billed S.C. DERP incremental rates by account (\$/account) | Input | 1.00 | 3.67 | 99.50 | |
| 46 | Billed S.C. DERP incremental revenue | Input | \$140,368 | \$90,508 | \$26,615 | \$257,491 |
| 47 | S.C. DERP incremental (over)/under recovery [See footnote] | L44 - L46 | 23,330 | (\$4,061) | \$32,534 | \$51,803 |
| 48 | Adjustment | Input | | | | |
| 49 | Total S.C. DERP incremental (over)/under recovery [See footnote] | L47 + L48 | \$23,330 | (\$4,061) | \$32,534 | \$51,803 |

| | Cumulative | Total |
|------------------------------------|--------------|------------|
| Cumulative (over) / under recovery | | |
| Balance ending February 2020 | \$45,020 | |
| March 2020 - actual | 22,698 | (\$22,322) |
| April 2020 - actual | 19,428 | (3,270) |
| May 2020 - actual | 14,695 | (4,733) |
| June 2020 - actual | 25,056 | 10,361 |
| July 2020 - actual | 76,859 | 51,803 |
| August 2020 - forecast | 176,689 | 99,829 |
| September 2020 - forecast | 283,737 | 107,048 |
| October 2020 - forecast | 395,147 | 111,410 |
| November 2020 - forecast | 514,875 | 119,728 |
| December 2020 - forecast | 641,901 | 127,026 |
| January 2021 - forecast | 773,319 | 131,418 |
| February 2021 - forecast | 904,711 | 131,393 |
| March 2021 - forecast | 1,036,210 | 131,499 |
| April 2021 - forecast | 1,168,078 | 131,868 |
| May 2021 - forecast | 1,300,193 | 132,115 |
| June 2021 - forecast | \$ 1,432,380 | \$132,187 |

Notes:

Detail amounts may not recalculate due to percentages presented as rounded.

Presentation of over or under collected amounts reflects a regulatory asset or liability. Over collections, or regulatory liabilities, are shown as negative amounts.

Under collections, or regulatory assets, are shown as positive amounts.

_1 Total residential billed fuel non-capacity rate is a composite rate reflecting the 7/1/20 approved residential rate of 1.901 and RECD 5% discount.

_2 Total residential billed fuel capacity rate is a composite rate reflecting the 7/1/20 approved residential rate of .532 and RECD 5% discount.

_3 Total residential billed environmental rate is a composite rate reflecting the 7/1/20 approved residential rate of .021 and RECD 5% discount.

_4 Total residential billed DERP avoided capacity rate is a composite rate reflecting the 7/1/20 approved residential rate of .002 and RECD 5% discount.

**Duke Energy Progress
Fuel and Fuel Related Cost Report
JULY 2020**

Schedule 5
Page 1 of 2

| Description | Mayo Steam | Roxboro Steam | Asheville CC/CT | Smith Energy Complex CC/CT | Sutton CC/CT | Lee CC | Blewett CT |
|--|---------------|------------------|--------------------|----------------------------------|-----------------|--------------|---------------|
| Cost of Fuel Purchased (\$) | | | | | | | |
| Coal | \$795,483 | \$24,542,014 | - | - | - | - | - |
| Oil | 325,292 | 426,015 | - | - | - | - | - |
| Gas - CC | - | - | \$8,193,185 | \$13,995,888 | \$9,670,769 | \$12,707,079 | - |
| Gas - CT | - | - | 698,470 | 3,674,273 | 400,754 | - | - |
| Biogas | - | - | - | 460,807 | - | - | - |
| Total | \$1,120,775 | \$24,968,029 | \$8,891,655 | \$18,130,968 | \$10,071,523 | \$12,707,079 | - |
| Average Cost of Fuel Purchased (¢/MBTU) | | | | | | | |
| Coal | - | 476.96 | - | - | - | - | - |
| Oil | 1,669.62 | 1,806.37 | - | - | - | - | - |
| Gas - CC | - | - | 342.36 | 239.44 | 334.37 | 283.15 | - |
| Gas - CT | - | - | 251.31 | 244.45 | 370.51 | - | - |
| Biogas | - | - | - | 2,809.97 | - | - | - |
| Weighted Average | INF. | 483.03 | 332.89 | 246.18 | 335.67 | 283.15 | - |
| Cost of Fuel Burned (\$) | | | | | | | |
| Coal | \$9,783,888 | \$48,589,764 | - | - | - | - | - |
| Oil - CC | - | - | - | \$79 | - | - | - |
| Oil - Steam/CT | 358,635 | 302,485 | \$3,812 | 21,965 | \$43,473 | - | - |
| Gas - CC | - | - | 8,193,185 | 13,995,888 | 9,670,769 | \$12,707,079 | - |
| Gas - CT | - | - | 698,470 | 3,674,273 | 400,754 | - | - |
| Biogas | - | - | - | 460,807 | - | - | - |
| Nuclear | - | - | - | - | - | - | - |
| Total | \$10,142,523 | \$48,892,249 | \$8,895,467 | \$18,153,012 | \$10,114,996 | \$12,707,079 | - |
| Average Cost of Fuel Burned (¢/MBTU) | | | | | | | |
| Coal | 354.64 | 411.03 | - | - | - | - | - |
| Oil - CC | - | - | - | 1,580.00 | - | - | - |
| Oil - Steam/CT | 1,469.03 | 1,510.08 | 1,524.80 | 1,662.76 | 2,461.66 | - | - |
| Gas - CC | - | - | 342.36 | 239.44 | 334.37 | 283.15 | - |
| Gas - CT | - | - | 251.31 | 244.45 | 370.51 | - | - |
| Biogas | - | - | - | 2,809.97 | - | - | - |
| Nuclear | - | - | - | - | - | - | - |
| Weighted Average | 364.41 | 412.89 | 333.00 | 246.44 | 336.93 | 283.15 | - |
| Average Cost of Generation (¢/kWh) | | | | | | | |
| Coal | 4.75 | 4.14 | - | - | - | - | - |
| Oil - CC | - | - | - | - | - | - | - |
| Oil - Steam/CT | 19.70 | 15.04 | 18.21 | 18.65 | 23.18 | - | - |
| Gas - CC | - | - | 2.33 | 1.82 | 2.40 | 2.10 | - |
| Gas - CT | - | - | 3.01 | 2.24 | 3.49 | - | - |
| Biogas | - | - | - | 21.83 | - | - | - |
| Nuclear | - | - | - | - | - | - | - |
| Weighted Average | 4.89 | 4.15 | 2.37 | 1.94 | 2.44 | 2.10 | - |
| Burned MBTU's | | | | | | | |
| Coal | 2,758,829 | 11,821,580 | - | - | - | - | - |
| Oil - CC | - | - | - | 5 | - | - | - |
| Oil - Steam/CT | 24,413 | 20,031 | 250 | 1,321 | 1,766 | - | - |
| Gas - CC | - | - | 2,393,127 | 5,845,351 | 2,892,220 | 4,487,730 | - |
| Gas - CT | - | - | 277,928 | 1,503,101 | 108,164 | - | - |
| Biogas | - | - | - | 16,399 | - | - | - |
| Nuclear | - | - | - | - | - | - | - |
| Total | 2,783,242 | 11,841,611 | 2,671,305 | 7,366,177 | 3,002,150 | 4,487,730 | - |
| Net Generation (mWh) | | | | | | | |
| Coal | 205,766 | 1,174,992 | - | - | - | - | - |
| Oil - CC | - | - | - | - | - | - | - |
| Oil - Steam/CT | 1,821 | 2,011 | 21 | 118 | 188 | - | (26) |
| Gas - CC | - | - | 352,319 | 771,122 | 403,429 | 604,632 | - |
| Gas - CT | - | - | 23,206 | 164,312 | 11,491 | - | - |
| Biogas | - | - | - | 2,111 | - | - | - |
| Nuclear | - | - | - | - | - | - | - |
| Hydro (Total System) | - | - | - | - | - | - | - |
| Solar (Total System) | - | - | - | - | - | - | - |
| Total | 207,587 | 1,177,003 | 375,546 | 937,663 | 415,108 | 604,632 | (26) |
| Cost of Reagents Consumed (\$) | | | | | | | |
| Ammonia | \$32,779 | \$238,658 | - | \$17,238 | - | - | - |
| Limestone | 311,319 | 1,346,062 | - | - | - | - | - |
| Re-emission Chemical | - | - | - | - | - | - | - |
| Sorbents | 98,953 | 486,933 | - | - | - | - | - |
| Urea | - | - | - | - | - | - | - |
| Total | \$443,051 | \$2,071,653 | - | \$17,238 | - | - | - |

Notes:

Detail amounts may not add to totals shown due to rounding.

Schedule excludes in-transit, terminal and tolling agreement activity.

Cents/MBTU and cents/kWh are not computed when costs and/or net generation is negative.

Lee and Wayne oil burn is associated with inventory consumption shown on Schedule 6 for Wayne.

Asheville Steam was retired effective January 29, 2020.

Duke Energy Progress
Fuel and Fuel Related Cost Report
JULY 2020

Schedule 5
Page 2 of 2

| Description | Darlington CT | Wayne County CT | Weatherspoon CT | Brunswick Nuclear | Harris Nuclear | Robinson Nuclear | Current Month | Total 12 ME JULY 2020 |
|--|------------------|--------------------|--------------------|----------------------|-------------------|---------------------|------------------|--------------------------|
| Cost of Fuel Purchased (\$) | | | | | | | | |
| Coal | - | - | - | - | - | - | \$25,337,497 | \$262,997,826 |
| Oil | - | - | - | - | - | - | 751,307 | 10,607,993 |
| Gas - CC | - | - | - | - | - | - | 44,566,921 | 526,299,591 |
| Gas - CT | (\$609) | \$395,467 | \$24 | - | - | - | 5,168,379 | 74,560,456 |
| Biogas | - | - | - | - | - | - | 460,807 | 3,523,308 |
| Total | (\$609) | \$395,467 | \$24 | - | - | - | \$76,284,911 | \$877,989,174 |
| Average Cost of Fuel Purchased (¢/MBTU) | | | | | | | | |
| Coal | - | - | - | - | - | - | 492.42 | 370.21 |
| Oil | - | - | - | - | - | - | 1,744.51 | 1,470.31 |
| Gas - CC | - | - | - | - | - | - | 285.35 | 366.98 |
| Gas - CT | - | 213.71 | - | - | - | - | 249.17 | 319.92 |
| Biogas | - | - | - | - | - | - | 2,809.97 | 2,790.69 |
| Weighted Average | - | 213.71 | - | - | - | - | 333.16 | 368.03 |
| Cost of Fuel Burned (\$) | | | | | | | | |
| Coal | - | - | - | - | - | - | \$58,373,652 | \$278,049,773 |
| Oil - CC | - | - | - | - | - | - | 79 | 752,065 |
| Oil - Steam/CT | - | \$4,326 | \$35,413 | - | - | - | 770,109 | 10,112,779 |
| Gas - CC | - | - | - | - | - | - | 44,566,921 | 526,299,591 |
| Gas - CT | (\$609) | 395,467 | 24 | - | - | - | 5,168,379 | 74,560,456 |
| Biogas | - | - | - | - | - | - | 460,807 | 3,523,308 |
| Nuclear | - | - | - | \$8,339,537 | \$4,220,141 | \$3,302,096 | 15,861,774 | 174,821,294 |
| Total | (\$609) | \$399,793 | \$35,437 | \$8,339,537 | \$4,220,141 | \$3,302,096 | \$125,201,721 | \$1,068,119,266 |
| Average Cost of Fuel Burned (¢/MBTU) | | | | | | | | |
| Coal | - | - | - | - | - | - | 400.36 | 354.10 |
| Oil - CC | - | - | - | - | - | - | 1,580.00 | 1,554.30 |
| Oil - Steam/CT | - | 1,744.35 | 1,590.88 | - | - | - | 1,532.40 | 1,534.34 |
| Gas - CC | - | - | - | - | - | - | 285.35 | 366.98 |
| Gas - CT | - | 213.71 | - | - | - | - | 249.17 | 319.92 |
| Biogas | - | - | - | - | - | - | 2,809.97 | 2,790.69 |
| Nuclear | - | - | - | 56.41 | 56.40 | 55.67 | 56.25 | 57.31 |
| Weighted Average | - | 215.76 | 1,591.96 | 56.41 | 56.40 | 55.67 | 206.82 | 193.81 |
| Average Cost of Generation (¢/kWh) | | | | | | | | |
| Coal | - | - | - | - | - | - | 4.23 | 3.82 |
| Oil - CC | - | - | - | - | - | - | - | 15.38 |
| Oil - Steam/CT | - | 22.59 | 66.82 | - | - | - | 18.32 | 22.03 |
| Gas - CC | - | - | - | - | - | - | 2.09 | 2.66 |
| Gas - CT | - | 2.68 | - | - | - | - | 2.42 | 3.58 |
| Biogas | - | - | - | - | - | - | 21.83 | 20.21 |
| Nuclear | - | - | - | 0.60 | 0.59 | 0.58 | 0.59 | 0.60 |
| Weighted Average | - | 2.70 | 66.86 | 0.60 | 0.59 | 0.58 | 1.93 | 1.80 |
| Burned MBTU's | | | | | | | | |
| Coal | - | - | - | - | - | - | 14,580,409 | 78,523,782 |
| Oil - CC | - | - | - | - | - | - | 5 | 48,386 |
| Oil - Steam/CT | - | 248 | 2,226 | - | - | - | 50,255 | 659,097 |
| Gas - CC | - | - | - | - | - | - | 15,618,428 | 143,414,793 |
| Gas - CT | - | 185,048 | - | - | - | - | 2,074,241 | 23,306,202 |
| Biogas | - | - | - | - | - | - | 16,399 | 126,252 |
| Nuclear | - | - | - | 14,783,917 | 7,482,407 | 5,931,305 | 28,197,629 | 305,039,932 |
| Total | - | 185,296 | 2,226 | 14,783,917 | 7,482,407 | 5,931,305 | 60,537,366 | 551,118,444 |
| Net Generation (mWh) | | | | | | | | |
| Coal | - | - | - | - | - | - | 1,380,758 | 7,276,219 |
| Oil - CC | - | - | - | - | - | - | - | 4,891 |
| Oil - Steam/CT | - | 19 | 53 | - | - | - | 4,204 | 45,906 |
| Gas - CC | - | - | - | - | - | - | 2,131,502 | 19,756,879 |
| Gas - CT | (160) | 14,763 | - | - | - | - | 213,613 | 2,082,384 |
| Biogas | - | - | - | - | - | - | 2,111 | 17,432 |
| Nuclear | - | - | - | 1,386,794 | 716,872 | 569,631 | 2,673,297 | 29,314,735 |
| Hydro (Total System) | - | - | - | - | - | - | 40,451 | 676,447 |
| Solar (Total System) | - | - | - | - | - | - | 26,808 | 251,187 |
| Total | (160) | 14,782 | 53 | 1,386,794 | 716,872 | 569,631 | 6,472,744 | 59,426,080 |
| Cost of Reagents Consumed (\$) | | | | | | | | |
| Ammonia | - | - | - | - | - | - | 288,675 | \$1,767,872 |
| Limestone | - | - | - | - | - | - | 1,657,381 | 8,783,178 |
| Re-emission Chemical | - | - | - | - | - | - | - | 0 |
| Sorbents | - | - | - | - | - | - | 585,886 | 2,774,392 |
| Urea | - | - | - | - | - | - | 0 | 338,378 |
| Total | - | - | - | - | - | - | \$2,531,942 | \$13,663,820 |

Duke Energy Progress
Fuel & Fuel-related Consumption and Inventory Report
JULY 2020

Schedule 6
Page 1 of 2

| Description | Mayo | Roxboro | Asheville | Smith Energy Complex | Sutton | Lee | Blewett |
|-----------------------------------|---------|-----------|-----------|----------------------|-----------|-----------|---------|
| Coal Data: | | | | | | | |
| Beginning balance | 655,860 | 1,003,614 | - | - | - | - | - |
| Tons received during period | - | 205,293 | - | - | - | - | - |
| Inventory adjustments | - | - | - | - | - | - | - |
| Tons burned during period | 110,362 | 466,870 | - | - | - | - | - |
| Ending balance | 545,498 | 742,037 | - | - | - | - | - |
| MBTUs per ton burned | 25.00 | 25.32 | - | - | - | - | - |
| Cost of ending inventory (\$/ton) | 88.65 | 104.07 | - | - | - | - | - |
| Oil Data: | | | | | | | |
| Beginning balance | 252,527 | 363,929 | 4,456,093 | 7,983,180 | 2,607,707 | - | 756,285 |
| Gallons received during period | 141,184 | 170,897 | - | - | - | - | - |
| Miscellaneous use and adjustments | (1,885) | (14,854) | 0 | - | - | - | - |
| Gallons burned during period | 177,121 | 144,966 | 1,821 | 9,471 | 15,501 | - | - |
| Ending balance | 214,705 | 375,006 | 4,454,272 | 7,973,710 | 2,592,206 | - | 756,285 |
| Cost of ending inventory (\$/gal) | 2.02 | 2.09 | 2.09 | 2.33 | 2.80 | - | 2.37 |
| Natural Gas Data: | | | | | | | |
| Beginning balance | - | - | - | - | - | - | - |
| MCF received during period | - | - | 2,589,487 | 7,111,975 | 2,903,770 | 4,343,023 | - |
| MCF burned during period | - | - | 2,589,487 | 7,111,975 | 2,903,770 | 4,343,023 | - |
| Ending balance | - | - | - | - | - | - | - |
| Biogas Data: | | | | | | | |
| Beginning balance | - | - | - | - | - | - | - |
| MCF received during period | - | - | - | 15,875 | - | - | - |
| MCF burned during period | - | - | - | 15,875 | - | - | - |
| Ending balance | - | - | - | - | - | - | - |
| Limestone/Lime Data: | | | | | | | |
| Beginning balance | 10,030 | 100,661 | 5,402 | - | - | - | - |
| Tons received during period | 5,785 | 16,077 | - | - | - | - | - |
| Inventory adjustments | - | - | - | - | - | - | - |
| Tons consumed during period | 5,761 | 30,629 | - | - | - | - | - |
| Ending balance | 10,054 | 86,109 | 5,402 | - | - | - | - |
| Cost of ending inventory (\$/ton) | 52.72 | 41.85 | 68.57 | - | - | - | - |

Notes:

Detail amounts may not add to totals shown due to rounding.

Schedule excludes in-transit, terminal and tolling agreement activity.

Gas is burned as received; therefore, inventory balances are not maintained.

The oil inventory data for Wayne reflects the common usage of the oil tank used for both Wayne and Lee units.

Asheville Steam was retired effective January 29, 2020.

[illegible]

Schedule 7

**DUKE ENERGY PROGRESS
ANALYSIS OF COAL PURCHASED
JULY 2020**

| STATION | TYPE | QUANTITY OF TONS DELIVERED | DELIVERED COST | DELIVERED COST PER TON |
|-------------------|----------------------------------|---------------------------------------|---------------------------|-----------------------------------|
| MAYO | SPOT | - | - | - |
| | CONTRACT | - | - | - |
| | FIXED TRANSPORTATION/ADJUSTMENTS | - | \$ 795,483 | - |
| | TOTAL | - | 795,483 | - |
| ROXBORO | SPOT | - | - | - |
| | CONTRACT | 205,293 | 13,521,818 | 65.87 |
| | FIXED TRANSPORTATION/ADJUSTMENTS | - | 11,020,196 | - |
| | TOTAL | 205,293 | 24,542,014 | 119.55 |
| ALL PLANTS | SPOT | - | - | - |
| | CONTRACT | 205,293 | 13,521,818 | 65.87 |
| | FIXED TRANSPORTATION/ADJUSTMENTS | - | 11,815,679 | - |
| | TOTAL | 205,293 | \$ 25,337,497 | 123.42 |

Schedule 8

**DUKE ENERGY PROGRESS
ANALYSIS OF COAL QUALITY RECEIVED
JULY 2020**

| STATION | PERCENT MOISTURE | PERCENT ASH | HEAT VALUE | PERCENT SULFUR |
|----------------|-----------------------------|------------------------|-----------------------|---------------------------|
| MAYO | - | - | - | - |
| ROXBORO | 6.37 | 10.02 | 12,532 | 1.85 |

DUKE ENERGY PROGRESS
ANALYSIS OF OIL PURCHASED
JULY 2020

| | MAYO | ROXBORO |
|-----------------------|---|---|
| VENDOR | Greensboro Tank Farm & Spartanburg Tank Farm | Greensboro Tank Farm & Spartanburg Tank Farm |
| SPOT/CONTRACT | Contract | Contract |
| SULFUR CONTENT % | 0 | 0 |
| GALLONS RECEIVED | 141,184 | 170,897 |
| TOTAL DELIVERED COST | \$ 325,292 | \$ 426,015 |
| DELIVERED COST/GALLON | \$ 2.30 | \$ 2.49 |
| BTU/GALLON | 138,000 | 138,000 |

Duke Energy Progress
Power Plant Performance Data
Twelve Month Summary
August, 2019 - July, 2020
Nuclear Units

| <u>Unit Name</u> | <u>Net Generation (mWh)</u> | <u>Capacity Rating (mW)</u> | <u>Capacity Factor (%)</u> | <u>Equivalent Availability (%)</u> |
|------------------|-----------------------------|-----------------------------|----------------------------|------------------------------------|
| Brunswick 1 | 7,231,846 | 938 | 87.77 | 87.77 |
| Brunswick 2 | 8,141,558 | 932 | 99.45 | 99.67 |
| Harris 1 | 7,537,770 | 964 | 89.02 | 87.84 |
| Robinson 2 | 6,403,561 | 752 | 97.01 | 93.44 |

Duke Energy Progress
Power Plant Performance Data
Twelve Month Summary
August, 2019 through July, 2020
Combined Cycle Units

| Unit Name | | Net Generation (mWh) | Capacity Rating (mW) | Capacity Factor (%) | Equivalent Availability (%) |
|-----------------------|-------------|-------------------------|-------------------------|------------------------|--------------------------------|
| Lee Energy Complex | 1A | 1,241,257 | 225 | 62.80 | 79.76 |
| Lee Energy Complex | 1B | 1,279,196 | 227 | 64.15 | 82.11 |
| Lee Energy Complex | 1C | 1,268,075 | 228 | 63.32 | 80.13 |
| Lee Energy Complex | ST1 | 2,447,320 | 379 | 73.51 | 88.18 |
| Lee Energy Complex | Block Total | 6,235,848 | 1,059 | 67.04 | 83.36 |
| Richmond County CC | 7 | 1,037,111 | 194 | 60.86 | 82.93 |
| Richmond County CC | 8 | 1,011,603 | 194 | 59.36 | 81.62 |
| Richmond County CC | ST4 | 1,177,765 | 182 | 73.67 | 90.16 |
| Richmond County CC | 9 | 1,320,996 | 216 | 69.62 | 78.90 |
| Richmond County CC | 10 | 1,335,445 | 216 | 70.38 | 78.78 |
| Richmond County CC | ST5 | 1,769,791 | 248 | 81.24 | 87.78 |
| Richmond County CC | Block Total | 7,652,711 | 1,250 | 69.70 | 83.33 |
| Sutton Energy Complex | 1A | 1,294,432 | 224 | 65.79 | 80.44 |
| Sutton Energy Complex | 1B | 1,290,033 | 224 | 65.56 | 78.12 |
| Sutton Energy Complex | ST1 | 1,589,046 | 271 | 66.75 | 86.15 |
| Sutton Energy Complex | Block Total | 4,173,511 | 719 | 66.08 | 81.87 |
| Asheville CC | ACC CT5 | 658,470 | 185 | 40.47 | 83.17 |
| Asheville CC | ACC CT7 | 605,618 | 187 | 40.18 | 89.80 |
| Asheville CC | ACC ST6 | 281,772 | 92 | 41.79 | 73.62 |
| Asheville CC | ACC ST8 | 171,274 | 92 | 25.40 | 86.81 |
| Asheville CC | Block Total | 1,717,134 | 557 | 38.30 | 84.45 |

Notes:

- Units in commercial operation for the full month are presented. Pre-commercial or partial month commercial operations are not included.

**Duke Energy Progress
Power Plant Performance Data
Twelve Month Summary
August, 2019 through July, 2020**

Intermediate Steam Units

| Unit Name | Net Generation (mWh) | Capacity Rating (mW) | Capacity Factor (%) | Equivalent Availability (%) |
|------------------|-------------------------------------|---------------------------------|--------------------------------|--|
| Mayo 1 | 1,052,212 | 746 | 16.06 | 71.67 |
| Roxboro 2 | 1,215,759 | 673 | 20.57 | 56.59 |
| Roxboro 3 | 2,263,640 | 698 | 36.92 | 84.20 |
| Roxboro 4 | 1,802,210 | 711 | 28.86 | 66.21 |

Notes:

- Units in commercial operation for the full month are presented. Pre-commercial or partial month commercial operations are not included.

**Duke Energy Progress
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August, 2019 through July, 2020
Other Cycling Steam Units**

| Unit Name | Net Generation (mWh) | Capacity Rating (mW) | Capacity Factor (%) | Operating Availability (%) |
|------------------|---------------------------------|---------------------------------|--------------------------------|---------------------------------------|
| Asheville 1 | 265,159 | 192 | 31.67 | 97.82 |
| Asheville 2 | 178,652 | 192 | 21.34 | 91.54 |
| Roxboro 1 | 530,335 | 380 | 15.89 | 50.11 |

Notes:

- Units in commercial operation for the full month are presented. Pre-commercial or partial month commercial operations are not included.

**Duke Energy Progress
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Combustion Turbine Stations**

| Station Name | Net Generation (mWh) | Capacity Rating (mW) | Operating Availability (%) |
|----------------------|---------------------------------|---------------------------------|---------------------------------------|
| Asheville CT | 368,318 | 355 | 91.15 |
| Blewett CT | -754 | 68 | 97.22 |
| Darlington CT | 8,993 | 773 | 88.89 |
| Richmond County CT | 1,411,741 | 934 | 89.94 |
| Sutton Fast Start CT | 153,726 | 98 | 93.71 |
| Wayne County CT | 154,788 | 963 | 95.14 |
| Weatherspoon CT | -270 | 164 | 79.95 |

Notes:

- Units in commercial operation for the full month are presented. Pre-commercial or partial month commercial operations are not included.

**Duke Energy Progress
Power Plant Performance Data**

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**Twelve Month Summary
August, 2019 through July, 2020
Hydroelectric Stations**

| Station Name | Net Generation (mWh) | Capacity Rating (mW) | Operating Availability (%) |
|---------------------|---------------------------------|---------------------------------|---------------------------------------|
| Blewett | -421 | 27.0 | 0.00 |
| Marshall | -307 | 4.0 | 5.11 |
| Tillery | 222,325 | 84.0 | 85.79 |
| Walters | 454,849 | 113.0 | 66.74 |

Notes:

- Units in commercial operation for the full month are presented. Pre-commercial or partial month commercial operations are not included.